

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number  
WO 2004/019568 A3

(51) International Patent Classification<sup>7</sup>: **H04L 12/56, H04N 7/24**

(21) International Application Number: **PCT/PL2003/000083**

(22) International Filing Date: 25 August 2003 (25.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: P-355743 25 August 2002 (25.08.2002) PL

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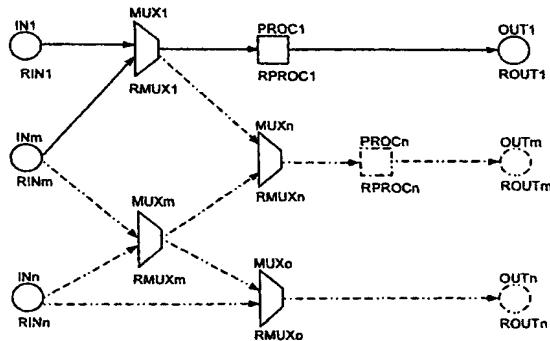
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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, BE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A METHOD FOR DATA FLOW CONTROL IN A PACKET DATA TRANSMISSION SYSTEM AND A DEVICE FOR DATA FLOW CONTROL IN A PACKET DATA TRANSMISSION SYSTEM



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(57) Abstract: The objects of the invention are a method for control of data flow in a packet data transmission and a device for control of data flow in a packet data transmission, both being applicable for example in systems of data transmission in formats used in digital television. The method according to the invention is based on the fact that to a data processing device, comprising a network of nodes in the form of input nodes (IN1 - INn), output nodes (OUT1 - OUTn) and intermediate nodes such as data processing nodes (PROC1 - PROCn) or multiplexers (MUX1 - MUXo), the nodes being connected as a free-defined structure, signals are supplied to input nodes (IN1 - INn) and from the data packets retrieved from these nodes (IN1 - INn) transmission units are created. Whenever a packet is available at the node input (MUX1 - MUXo, PROC1 - PROCn, OUT1 - OUTn), a check is made whether the general rules (R) apply to a given unit and in case of a positive result of this check, the commands, determined by these rules, are executed and then a check is made whether the input rules apply to a given unit. If they do, the commands, determined by these rules, are executed and then the node function is performed (IN1 - INn, MUX1 - MUXo, PROC1 - PROCn, OUT1 - OUT1n), followed by a check if the output rules apply to a given unit. In the output nodes (OUT1 - OUTn) the packets are extracted from transmission units. The method according to the invention is performed by a device disclosed in the application.



**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**(88) Date of publication of the international search report:**

23 December 2004

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/PL 03/00083

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/56 H04N7/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04N H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/052864 A (SCIENTIFIC ATLANTA) 4 July 2002 (2002-07-04) page 5, lines 11-28 page 6, lines 8-24 page 11, line 15 – page 12, line 34 page 13, lines 14-27 page 21, lines 6-11 page 21, line 28 – page 22, line 4 page 25, lines 3-18 figures 7-17 -----	1-13
A	EP 0 901 261 A (HITACHI LTD) 10 March 1999 (1999-03-10) figures 5-12, 16, 19 the whole document ----- -/-	1-13

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Date of the actual completion of the international search

4 November 2004

Date of mailing of the International search report

10/11/2004

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/PL 03/00083

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 666 487 A (SISTANIZADEH KAMRAN ET AL) 9 September 1997 (1997-09-09) figure 1 the whole document -----	1-13

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No  
PCT/PL 03/00083

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